

Chuan-zhi Duan

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

803
citations

567281

15
h-index

552781

26
g-index

44
all docs

44
docs citations

44
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	The inhibitory effect of mesenchymal stem cell on blood-brain barrier disruption following intracerebral hemorrhage in rats: contribution of TSG-6. <i>Journal of Neuroinflammation</i> , 2015, 12, 61.	7.2	98
2	TSG-6 attenuates inflammation-induced brain injury via modulation of microglial polarization in SAH rats through the SOCS3/STAT3 pathway. <i>Journal of Neuroinflammation</i> , 2018, 15, 231.	7.2	79
3	A novel small-molecule activator of Sirtuin-1 induces autophagic cell death/mitophagy as a potential therapeutic strategy in glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 767.	6.3	74
4	Heat shock protein 22 modulates NRF1/TFAM-dependent mitochondrial biogenesis and DRP1-sparked mitochondrial apoptosis through AMPK-PGC1 α signaling pathway to alleviate the early brain injury of subarachnoid hemorrhage in rats. <i>Redox Biology</i> , 2021, 40, 101856.	9.0	74
5	Mesenchymal stem cells alleviate the early brain injury of subarachnoid hemorrhage partly by suppression of Notch1-dependent neuroinflammation: involvement of Botch. <i>Journal of Neuroinflammation</i> , 2019, 16, 8.	7.2	62
6	Silencing of SNHG12 Enhanced the Effectiveness of MSCs in Alleviating Ischemia/Reperfusion Injuries via the PI3K/AKT/mTOR Signaling Pathway. <i>Frontiers in Neuroscience</i> , 2019, 13, 645.	2.8	36
7	Baicalein Attenuates Neurological Deficits and Preserves Blood-Brain Barrier Integrity in a Rat Model of Intracerebral Hemorrhage. <i>Neurochemical Research</i> , 2016, 41, 3095-3102.	3.3	31
8	lncRNA Mtss1 promotes inflammatory responses and secondary brain injury after intracerebral hemorrhage by targeting miR-709 in mice. <i>Brain Research Bulletin</i> , 2020, 162, 20-29.	3.0	29
9	Resolvin D1 ameliorates Inflammation-Mediated Blood-Brain Barrier Disruption After Subarachnoid Hemorrhage in rats by Modulating A20 and NLRP3 Inflammasome. <i>Frontiers in Pharmacology</i> , 2020, 11, 610734.	3.5	23
10	A preliminary investigation of radiomics differences between ruptured and unruptured intracranial aneurysms. <i>European Radiology</i> , 2021, 31, 2716-2725.	4.5	22
11	High wall shear stress beyond a certain range in the parent artery could predict the risk of anterior communicating artery aneurysm rupture at follow-up. <i>Journal of Neurosurgery</i> , 2019, 131, 868-875.	1.6	20
12	Transcriptome-Wide Analysis to Identify the Inflammatory Role of lncRNA Neat1 in Experimental Ischemic Stroke. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2667-2680.	3.5	19
13	Neuroprotective Effect of Protein Phosphatase 2A/Tristetraprolin Following Subarachnoid Hemorrhage in Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 96.	2.8	18
14	The role of wall shear stress in the parent artery as an independent variable in the formation status of anterior communicating artery aneurysms. <i>European Radiology</i> , 2019, 29, 689-698.	4.5	18
15	Elevated Lipid Infiltration Is Associated With Cerebral Aneurysm Rupture. <i>Frontiers in Neurology</i> , 2020, 11, 154.	2.4	18
16	CDKN2BAS gene polymorphisms and the risk of intracranial aneurysm in the Chinese population. <i>BMC Neurology</i> , 2017, 17, 214.	1.8	17
17	Tim-3 deteriorates neuroinflammatory and neurocyte apoptosis after subarachnoid hemorrhage through the Nrf2/HMGB1 signaling pathway in rats. <i>Aging</i> , 2020, 12, 21161-21185.	3.1	14
18	Factors responsible for poor outcome after intraprocedural rerupture of ruptured intracranial aneurysms: Identification of risk factors, prevention and management on 18 cases. <i>European Journal of Radiology</i> , 2012, 81, e77-e85.	2.6	13

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19	China Intracranial Aneurysm Project (CIAP): protocol for a registry study on a multidimensional prediction model for rupture risk of unruptured intracranial aneurysms. <i>Journal of Translational Medicine</i> , 2018, 16, 263.	4.4	12
20	TSG-6 Attenuates Oxidative Stress-Induced Early Brain Injury in Subarachnoid Hemorrhage Partly by the HO-1 and Nox2 Pathways. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104986.	1.6	12
21	Optimal treatment strategy for adult patients with newly diagnosed glioblastoma: a systematic review and network meta-analysis. <i>Neurosurgical Review</i> , 2021, 44, 1943-1955.	2.4	10
22	Identification of an N6-methyladenosine (m6A)-related signature associated with clinical prognosis, immune response, and chemotherapy in primary glioblastomas. <i>Annals of Translational Medicine</i> , 2021, 9, 1241-1241.	1.7	10
23	Endovascular treatment of cerebellar arteriovenous malformations: management of associated aneurysms first or later. <i>Neurological Sciences</i> , 2016, 37, 67-72.	1.9	9
24	Identification of immune-infiltrated hub genes as potential biomarkers of Moyamoya disease by bioinformatics analysis. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 80.	2.7	9
25	Metformin Inhibits NLR Family Pyrin Domain Containing 3 (NLRP)-Relevant Neuroinflammation via an Adenosine-5'-Monophosphate-Activated Protein Kinase (AMPK)-Dependent Pathway to Alleviate Early Brain Injury After Subarachnoid Hemorrhage in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 796616.	3.5	9
26	Dexmedetomidine Inhibits Gasdermin D-Induced Pyroptosis via the PI3K/AKT/GSK3 β Pathway to Attenuate Neuroinflammation in Early Brain Injury After Subarachnoid Hemorrhage in Rats. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	3.7	9
27	Morphology-aware multi-source fusion-based intracranial aneurysms rupture prediction. <i>European Radiology</i> , 2022, 32, 5633-5641.	4.5	8
28	Adiponectin Ameliorates GMH-Induced Brain Injury by Regulating Microglia M1/M2 Polarization Via AdipoR1/APPL1/AMPK/PPAR γ Signaling Pathway in Neonatal Rats. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	7
29	Stent retriever thrombectomy combined with local thrombolytic therapy for cerebral venous sinus thrombosis: A case report. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3961-3970.	1.8	6
30	Cerebral Microbleeds Could Be Independently Associated with Intracranial Aneurysm Rupture: A Cross-Sectional Population-Based Study. <i>World Neurosurgery</i> , 2018, 115, e218-e225.	1.3	6
31	Effects of bone marrow mesenchymal stem cells transplantation on the recovery of neurological functions and the expression of Nogo-A, NgR, RhoA, and ROCK in rats with experimentally-induced convalescent cerebral ischemia. <i>Annals of Translational Medicine</i> , 2020, 8, 390-390.	1.7	6
32	Automatic Localization of Seizure Onset Zone From High-Frequency SEEG Signals: A Preliminary Study. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2021, 9, 1-10.	3.7	5
33	U-Shaped Association of Aspect Ratio and Single Intracranial Aneurysm Rupture in Chinese Patients: A Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2021, 12, 731129.	2.4	5
34	Surgical cannulation of the superior ophthalmic vein for the treatment of previously embolized cavernous sinus dural arteriovenous fistulas: serial studies and angiographic follow-up. <i>British Journal of Neurosurgery</i> , 2013, 27, 187-193.	0.8	4
35	China Intracranial Aneurysm Project (CIAP): protocol for a prospective cohort study of interventional treatment and craniotomy for unruptured aneurysms. <i>BMJ Open</i> , 2018, 8, e019333.	1.9	3
36	The natural course of unruptured intracranial aneurysms in a Chinese cohort: protocol of a multi-center registration study in CIAP. <i>Journal of Translational Medicine</i> , 2019, 17, 349.	4.4	2

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37	Flow diverter modeled as heterogeneous and anisotropic porous medium: Simulation, experimental validation and case analysis. <i>Journal of Biomechanics</i> , 2021, 123, 110525.	2.1	2
38	Hsa_circ_0076931 suppresses malignant biological properties, down-regulates miR-6760-3p through direct binding, and up-regulates CCBE1 in glioma. <i>Bioscience Reports</i> , 2022, 42, .	2.4	2
39	Nonlinear Association of Glycosylated Hemoglobin With Single Intracranial Aneurysm Rupture in Patients With Diabetes Mellitus: A Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2022, 13, 854008.	2.4	1
40	Association Between Aneurysmal Hemodynamics and Rupture Risk of Unruptured Intracranial Aneurysms. <i>Frontiers in Neurology</i> , 2022, 13, 818335.	2.4	0